Application No:      10596062                Version No:              2.0


                    Input Set:


                    Output Set:



                    Started:  2009-10-16 14:14:28.279
                   Finished:  2009-10-16 14:14:28.687
                    Elapsed:  0 hr(s) 0 min(s) 0 sec(s) 408 ms
            Total Warnings:  4
              Total Errors:  0
     No. of SeqIDs Defined:  8
         Actual SeqID Count:  8

Error code       Error Description

W   213          Artificial or Unknown found in <213>  in SEQ ID (5)

W   213          Artificial or Unknown found in <213>  in SEQ ID (6)

W   213          Artificial or Unknown found in <213>  in SEQ ID (7)

W   213          Artificial or Unknown found in <213>  in SEQ ID (8)

<110>  Liu, Yang
       Zheng, Pan
       Rammohan, Kottil
       Lin, Shili
       Zhou, Qunmin

<120>  Polymorphic CD24 Genotypes that are Predictive of Multiple
       Sclerosis Risk and Progression

<130>  22727/04398

<140>  10596062
<141>  2009-10-16


<150>  PCT/US04/39391
<151>  2004-11-22

<160>  8

<170>  PatentIn version 3.5

<210>  1
<211>  2116
<212>  DNA
<213>  Homo sapiens

<400>  1
cggttctcca agcacccagc atcctgctag acgcgccgcg caccgacgga ggggacatgg      60

gcagagcaat ggtggccagg ctggggctgg ggctgctgct gctggcactg ctcctaccca     120

cgcagattta ttccagtgaa acaacaactg gaacttcaag taactcctcc cagagtactt     180

ccaactctgg gttggcccca aatccaacta atgccaccac caaggcggct ggtggtgccc     240

tgcagtcaac agccagtctc ttcgtggtct cactctctct tctgcatctc tactcttaag     300

agactcaggc caagaaacgt cttctaaatt tccccatctt ctaaacccaa tccaaatggc     360

gtctggaagt ccaatgtggc aaggaaaaac aggtcttcat cgaatctact aattccacac     420

ctttttattga cacagaaaat gttgagaatc ccaaatttga ttgatttgaa gaacatgtga     480

gaggtttgac tagatgatga atgccaatat taaatctgct ggagtttcat gtacaagatg     540

aaggagaggc aacatccaaa atagttaaga catgatttcc ttgaatgtgg cttgagaaat     600

atggacactt aatactacct tgaaaataag aatagaaata aaggatggga ttgtggaatg     660

gagattcagt tttcattggt tcattaattc tataaggcca taaaacaggt aatataaaaa     720

gcttccatcg atctatttat atgtacatga gaaggaatcc ccaggtgtta ctgtaattcc     780

tcaacgtatt gtttcgacgg cactaattta atgccgatat actctagatg aatgtttaca     840

```
ttgttgagct attgctgttc tcttgggaac tgaactcact ttcctcctga ggctttggat        900

ttgacattgc atttgacctt ttaggtagta attgacatgt gccagggcaa tgatgaatga        960

gaatctaccc cagatccaag catcctgagc aactcttgat tatccatatt gagtcaaatg       1020

gtaggcattt cctatcacct gtttccattc aacaagagca ctacattctt ttagctaaac       1080

ggattccaaa gagtagaatt gcattgacca cgactaattt caaaatgctt tttattatta       1140

ttatttttta gacagtctca ctttgtcgcc caggccggag tgcagtggtg cgatctcaga       1200

tcagtgtacc atttgcctcc cgggctcaag cgattctcct gcctcagcct cccaagtagc       1260

tgggattaca ggcacctgcc accatgcccg gctaattttt gtaattttag tagagacagg       1320

gtttcaccat gttgcccagg ctggtttaga actcctgacc tcaggtgatc cacccgcctc       1380

ggcctcccaa agtgctggga ttacaggctt gagcccccgc gcccagccat caaaatgctt       1440

tttatttctg catatgtttg aatacttttt acaatttaaa aaaatgatct gttttgaagg       1500

caaaattgca aatcttgaaa ttaagaaggc aaaatgtaaa ggagtcaaac tataaatcaa       1560

gtatttggga agtgaagact ggaagctaat ttgcataaat tcacaaactt ttatactctt       1620

tctgtatata catttttttt ctttaaaaaa caactatgga tcagaatagc aacatttaga       1680

acactttttg ttatcagtca atattttag atagttagaa cctggtccta agcctaaaag       1740

tgggcttgat tctgcagtaa atcttttaca actgcctcga cacacataaa ccttttaaa       1800

aatagacact ccccgaagtc ttttgtttgt atggtcacac actgatgctt agatgttcca       1860

gtaatctaat atggccacag tagtcttgat gaccaaagtc ctttttttcc atctttagaa       1920

aactacatgg gaacaaacag atcgaacagt tttgaagcta ctgtgtgtgt gaatgaacac       1980

tcttgcttta ttccagaatg ctgtacatct attttggatt gtatattgtg gttgtgtatt       2040

tacgctttga ttcatagtaa cttcttatgg aattgatttg cattgaacga caaactgtaa       2100

ataaaaagaa acggtg                                                      2116


<210>  2
<211>  80
<212>  PRT
<213>  Homo sapiens

<400>  2

Met Gly Arg Ala Met Val Ala Arg Leu Gly Leu Gly Leu Leu Leu Leu
1               5                   10                  15
```

Ala Leu Leu Leu Pro Thr Gln Ile Tyr Ser Ser Glu Thr Thr Thr Gly
        20                  25                  30


Thr Ser Ser Asn Ser Ser Gln Ser Thr Ser Asn Ser Gly Leu Ala Pro
        35                  40                  45


Asn Pro Thr Asn Ala Thr Thr Lys Ala Ala Gly Gly Ala Leu Gln Ser
    50                  55                  60


Thr Ala Ser Leu Phe Val Val Ser Leu Ser Leu Leu His Leu Tyr Ser
65                  70                  75                  80


<210>  3
<211>  27
<212>  DNA
<213>  Homo sapiens

<400>  3
gccaccacca aggcggctgg tggtgcc                                    27


<210>  4
<211>  27
<212>  DNA
<213>  Homo sapiens

<400>  4
gccaccacca aggtggctgg tggtgcc                                    27


<210>  5
<211>  26
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  CD24 gene forward primer

<400>  5
ttgttgccac ttggcatttt tgaggc                                     26


<210>  6
<211>  25
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  CD24 gene reverse primer

<400>  6
ggattgggtt tagaagatgg ggaaa                                      25

```
<210>    7
<211>    28
<212>    DNA
<213>    Artificial Sequence

<220>
<223>    CD24a/v gene forward primer

<400>    7
ggccaagctt atgggcagag caatggtg                                    28


<210>    8
<211>    28
<212>    DNA
<213>    Artificial Sequence

<220>
<223>    CD24a/v gene reverse primer

<400>    8
atccctcgag ttaagagtag agatgcag                                    28
```